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Appl. No. 10/803,330

Reply Filed: March 6, 2008

Reply to Final Office Action of: September 6, 2007

LISTING OF CLAIMS

13. (Previously presented) A method for transferring data between a video application, executing in a computer system, and a digital video device, comprising:
- generating an IEEE 1394 command to exchange data with a digital video device, the IEEE 1394 command being generated in the video application according to IEEE 1394 protocol;
 - converting, in the computer system, the IEEE 1394 command to a USB command in accordance with the USB protocol;
 - transmitting the USB command over a USB connection in the computer system to a converter device external to the computer system;
 - receiving the USB command in the converter device;
 - converting, in the converter device, the USB command to the IEEE 1394 command; and
 - transmitting the IEEE 1394 command from the converter device to the digital video device.
14. (Previously presented) The method as recited in claim 13, wherein converting the IEEE 1394 command to the USB command comprises a 1394-USB tunnel driver that receives a IEEE 1394 bus input-output request, creates data packets with OHCI-compatible PCI accesses and transmits them to a USB stack.
15. (Previously presented) The method as recited in claim 13, wherein converting the IEEE 1394 command to the USB command comprises, a USB client device driver that receives data packets from a IEEE 1394 stack, passes data packets to a system driver component, and transmits them to the converter device.
16. (Previously presented) The method as recited in claim 13, wherein converting the IEEE 1394 command to the USB command, in the computer system, comprises first converting the IEEE 1394 command to an intermediate protocol.

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17. (Previously presented) A method for transferring data between a video application, executing in a computer system, and a digital video device, comprising:
- generating an IEEE 1394 command to exchange data with the video application running on the computer system, the IEEE 1394 command being generated in the digital video device according to IEEE 1394 protocol;
 - transmitting the IEEE 1394 command over a IEEE 1394 connection to a converter device;
 - receiving the IEEE 1394 command in the converter device;
 - converting, in the converter device, the IEEE 1394 command to a USB command in accordance with the USB protocol;
 - transmitting the USB command over a USB connection from the converter device to the computer system;
 - receiving the USB command in the computer system;
 - converting, in the computer system, the USB command to a IEEE-1394 command in accordance with the IEEE-1394 protocol; and
 - providing the IEEE-1394 to the video application.
18. (Previously presented) The method as recited in claim 17, wherein converting the USB command to the IEEE-1394 command in the computer system comprises first converting the IEEE 1394 command to an intermediate protocol.